ABSTRACT OF THE DISCLOSURE

An actuator unit is driven with a voltage pulse supplied from a driver IC. The actuator unit can take two states of a first state wherein the volume of a pressure chamber is V1, and a second state wherein the volume of the pressure chamber is V2 larger than V1. A state of the actuator unit changes from the first state to the second state and then to the first state again so that ink is ejected through a nozzle connected to one end of the pressure chamber. A pulse width Tw of the voltage pulse to be supplied to the actuator unit is shorter than a pulse width Tmax at which a maximum ejection speed of ink ejected from the nozzle is obtained. Thus, with simplifying a waveform of the voltage pulse, two of large and small ink droplets can be successively ejected in the order of the large and small ink droplets.